

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	"11007669" "10021633"	DERWENT	OR	OFF	2006/06/01 08:21
S2	1	10/717704	US-PGPUB; USPAT	OR	OFF	2006/05/31 14:25
S3	130	(720/646 720/668-670 720/652). ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/26 16:20
S4	36	(720/668-670).ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/26 16:35
S5	45378	("720" "369").clas.	US-PGPUB; USPAT	OR	OFF	2006/05/26 16:36
S6	4017	S5 and direction\$1 near rotat\$4	US-PGPUB; USPAT	OR	OFF	2006/05/26 16:37
S7	1477	S5 and direction\$1 near rotat\$4 near3 (spindle turntable turn adj table disc disk medium shaft)	US-PGPUB; USPAT	OR	OFF	2006/05/26 16:37
S8	157	S5 and direction\$1 near rotat\$4 near3 (spindle turntable turn adj table disc disk medium shaft) with (revers\$3 chang\$3)	US-PGPUB; USPAT	OR	OFF	2006/05/26 16:40
S9	139	S5 and direction\$1 near rotat\$4 near3 (spindle turntable turn adj table disc disk medium shaft) with (revers\$3 chang\$3) and (@ad<="20031119" @ptad<="20031119")	US-PGPUB; USPAT	OR	OFF	2006/05/26 16:57
S10	1	10/517609	US-PGPUB; USPAT	OR	OFF	2006/05/30 10:56
S11	1	WO-2004015699-\$2.did.	DERWENT	OR	OFF	2006/05/30 10:37
S12	1	WO-2004015699-\$2.did.	EPO; JPO	OR	OFF	2006/05/30 10:37
S13	708	369/94-95.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/31 15:27
S14	582	369/94.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/30 10:57
S15	118	S13 and (heads pickups pick-ups)	US-PGPUB; USPAT	OR	OFF	2006/05/30 10:57
S16	591	S13 and (@ptad<="20041119" @ad<="20041119")	US-PGPUB; USPAT	OR	OFF	2006/05/30 11:12
S17	41963	"369".clas.	US-PGPUB; USPAT	OR	OFF	2006/05/31 09:17
S18	1256	S17 and (spiral\$2 circl\$3 circular concentric\$4) near2 (data track\$1 \$5groove\$1 land\$1) with (oppos\$5 orient\$3 arrang\$5)	US-PGPUB; USPAT	OR	OFF	2006/05/31 10:57

## EAST Search History

S19	26	S17 and (spiral\$2 circl\$3 circular concentric\$4) near2 (data track\$1 \$5groove\$1 land\$1) with (oppos\$5 orient\$3 arrang\$5) same second near3 (head\$1 pick-up\$1 pickup\$1 side\$1)	US-PGPUB; USPAT	OR	OFF	2006/05/31 09:21
S20	44	S17 and (spiral\$2 circl\$3 circular concentric\$4) near2 (data track\$1 \$5groove\$1 land\$1) with (oppos\$5 orient\$3 arrang\$5) same second near3 (head\$1 pick-up\$1 pickup\$1 side\$1 surface\$1)	US-PGPUB; USPAT	OR	OFF	2006/05/31 16:43
S21	5	S17 and (spiral\$2 circl\$3 circular concentric\$4) near2 (data track\$1 \$5groove\$1 land\$1) with (oppos\$5 orient\$3 arrang\$5) same pair near3 (head\$1 pick-up\$1 pickup\$1 side\$1 surface\$1) not S20	US-PGPUB; USPAT	OR	OFF	2006/05/31 09:39
S22	196	S17 and (spiral\$2 circl\$3 circular concentric\$4) near2 (data track\$1 \$5groove\$1 land\$1) with (oppos\$5 orient\$3 arrang\$5) and (two pair second \$2other) near3 (head\$1 pick-up\$1 pickup\$1) not S20	US-PGPUB; USPAT	OR	OFF	2006/05/31 16:46
S23	13	S17 and (spiral\$2 circl\$3 circular concentric\$4) near2 (data track\$1 \$5groove\$1 land\$1) with (oppos\$5 orient\$3 arrang\$5) and (two pair second \$2other) near3 slider\$1	US-PGPUB; USPAT	OR	OFF	2006/05/31 10:55
S24	737	S17 and rotat\$5 near direction\$1 with (chang\$3 revers\$4 adjust\$5 switch\$3)	US-PGPUB; USPAT	OR	OFF	2006/05/31 10:56
S25	49	S18 and S24	US-PGPUB; USPAT	OR	OFF	2006/05/31 10:57
S26	1	"20030016603"	US-PGPUB; USPAT	OR	OFF	2006/05/31 11:43
S27	1	"5914915".pn.	US-PGPUB; USPAT	OR	OFF	2006/05/31 11:51
S28	1	wo-200118798-\$.did.	EPO; JPO; DERWENT	OR	OFF	2006/05/31 11:51
S29	1	10/626177	US-PGPUB; USPAT	OR	OFF	2006/05/31 13:12
S30	41963	"369".clas.	US-PGPUB; USPAT	OR	OFF	2006/05/31 13:12
S31	406	S30 and upside	US-PGPUB; USPAT	OR	OFF	2006/05/31 13:12
S32	134	S30 and upside and (display\$3 messag\$3)	US-PGPUB; USPAT	OR	OFF	2006/05/31 13:12

## EAST Search History

S33	377	S30 and (bca pep burst adj cut\$4 phase adj encod\$3 adj (part portion))	US-PGPUB; USPAT	OR	OFF	2006/05/31 14:08
S34	40	S30 and (bca pep burst adj cut\$4 phase adj encod\$3 adj (part portion)) with (before "prior to")	US-PGPUB; USPAT	OR	OFF	2006/05/31 14:08
S35	12	("4890273" "4729938" "3999009" "6603714" "5563855" "5253242" "5418774" "5406534" "5761160" "5485452" "5796688" re36445).pn.	US-PGPUB; USPAT	OR	OFF	2006/05/31 14:26
S36	18	("5648954" "5608718" "5608717" "5606546" "5533001" "5518325" "5470627" "5255260" "5235575" "6576319" "6172957" "6014364" "5949752" "5905707" "5729525" "5706269" "5703868" "5696743").pn.	US-PGPUB; USPAT	OR	OFF	2006/05/31 16:22
S37	1	wo-200118798-\$.did.	EPO; JPO; DERWENT	OR	OFF	2006/05/31 16:25
S38	28	(spiral\$2 circl\$3 circular concentric\$4) near2 (data track\$1 \$5groove\$1 land\$1) with (oppos\$5 orient\$3 arrang\$5) same second near3 (head\$1 pick-up\$1 pickup\$1 side\$1 surface\$1)	EPO; JPO	OR	OFF	2006/05/31 16:43
S39	10	(spiral\$2 circl\$3 circular concentric\$4) near2 (data track\$1 \$5groove\$1 land\$1) with (oppos\$5 orient\$3 arrang\$5) and (two pair second \$2other) near3 (head\$1 pick-up\$1 pickup\$1)	EPO; JPO	OR	OFF	2006/05/31 16:46